

PRODUCT INFORMATION

Detmol-long

Use

Control of house, material and health-related pests (for example cockroaches, silverfish, ants, beetles, moths, wasps, etc.)
National regulations for application and trading have to be observed.

Type

Ready-to-use liquid solution without water (AL).

Active Ingredients

Permethrin (8 g/l) + chrysanthemum cinerariaefolium, extract (pyrethrin) 25 % (4 g/l) + piperonyl butoxide (4 g/l).

Contains Isoalkanes C9 – C12.

Mode of Action

Rapid knockdown effect with flushing effect by contact with mist droplets. Residual effect by contact with spray deposit (protection from new infestation).
The residual effect depends on the surface (very good with respect to tiles, glass, wood, concrete, moderately with PVC, finery and paper).

Special Features

- Without water.
- Mild and nearly odourless solvents.
- Repellent effect.
- Can be applied with compressed air sprayers and mist blowers.
- Tested according to § 18 Protection against infection Act and approved for officially directed disinfestations (German cockroaches). Official identification number B-0049-00-00.

Dosage

For spraying on smooth, non-porous surfaces 10 ml/m² are needed, otherwise 25 ml/m². The spray liquid should not run off.
For mist spraying in large rooms 1 ml/m³ will be sufficient in case of flying insects; in case of resistant crawling insect pests the dosage rate of 6 ml/m³ must not be exceeded.
For textile protection 20 ml/m² have to be sprayed finely on piles, articles of clothing (on both sides), etc.

A protection against beetles and moths in large textile stocks can be achieved by mist spraying with 6 ml/m³ in spring and autumn.

Application

The purposeful treatment of all infested, suspected and endangered locations is to be preferred. Expose hiding places of crawling insects if possible.

Suitable application equipment are "808"-SprayBOSS or similar pressure sprayers. Spraying pressure should not exceed 2 bar. In large rooms or high halls electric airblast type sprayers (i.e. turbo-sprayer) are useful due to their wide reach. After fogging keep windows and doors closed for at least 6 hours.- In principle the fogging process should not be used for application in living-rooms.

Control

Before each pest control find out kind and extent of infestation by using adhesive and pheromone traps (for example Detektiv S).

Cockroaches

Cockroaches prefer warm and dark hiding places near water and food. Advanced building technique provides a great number of ideal hiding places, as for example built-in furniture, insulating panels, insulating material, double ceilings, linings, conduits, etc. Central heatings, bathrooms, dishwashing machines, cooling aggregates, dryers, ovens, boilers, etc. provide the necessary heat. In case of German cockroaches treat all suspected hiding places or if possible all surfaces in order to prevent an evasion on untreated places.

Repeat treatment after 5 weeks (German cockroaches) and 5 months respectively (Oriental cockroaches).

abric pests

The number of fabric pests is great. They can be divided into two groups according to the physiology of nutrition.

Certain species of microlepidoptera (case-making clothes moths and webbing clothes moths) and beetles as for example fur beetles, carpet beetles, bacon beetles, etc. belong to the first and most important group, the so-called „keratin-eater“.

Golden spider beetles, silverfish, spider beetles, cockroaches, etc. belong to the second group, the so-called „omnivora animals“.

Usually fabric pests are introduced. In summer, carpet beetles, fur beetles and bacon beetles can fly into rooms, too. Innate photophobia induces insects to stay in dark, protected places as for example cracks, crevices and hollow spaces. Textiles in storage are infested immediately. Insects leave the infested textiles and stop eating respectively only in case of disturbances or for pupation. Spray finely the products that should be protected. Beside the killing effect Detmol-long has a repellent effect.

Prevention

Measures to prevent an infestation and its spread respectively are of importance. Part of these measures are for example closing or elimination of suspected hiding places, hygienic conditions owing to regular cleaning, control of incoming goods, optimal storage conditions, clear storekeeping, inspection of rooms at regular intervals and last but not least early control measures.

Caution

Flammable liquid and vapour. May be fatal if swallowed and enters airways. May cause an allergic skin reaction. Very toxic to aquatic life with long lasting effects. Keep out of reach of children. If medical advice is needed, have product container or label at hand. Keep away from heat, hot surfaces, sparks, open flames as well as other sources of ignition. No smoking. Keep container tightly closed. Do not breathe spray. Do not get in eyes, on skin, or on clothing. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED: Immediately call a POISONCENTER or doctor/physician. DO NOT INDUCE VOMITING. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Avoid release to the environment. Collect spillage. Dispose of contents/container according to local or national requirements. Repeated exposure may cause skin dryness or cracking. Vapours may form explosive mixture with air.

Do not get in eyes, on skin, or on clothing. Wear protective gloves/protective clothing/eye protection/face protection. In case of inadequate ventilation wear respiratory protection with filter A1 – P3 (40 ASt).

Avoid every unnecessary contact with the product.

All persons except the applicator have to leave the room. Remove unpacked foodstuffs and feed, domestic cattle and animals as well as toys, exposed dishes and other commodities before application. Cover aquariums and terrariums (shut off ventilating system). Cover kitchen utensils, tables, benches and other surfaces on which food is laid down, prepared or consumed as well as clothes, seating furniture or other surfaces which are often contacted by skin or wash or clean them after treatment with an alkaline detergent. Do not widely apply the preparation in sickrooms, nursery schools, schools, living-rooms, offices, etc. but prefer spot spraying of all hiding-places and their immediate surroundings.

Avoid contact with fresh, moist deposits. Keep away children and pets. Do not spray on sensitive objects (for example polishes, some carpets) or spray only very thinly

(we recommend to test the compatibility un inconspicuous places).

Air rooms thoroughly before using them (until the spray deposit is completely dry).

Official recommendation for pyrethroids:

In case of intensive skin contact (especially of the face) the product may cause a tickling sensation without external irritative symptoms. The occurrence of this irritation is a warning; discontinue use.

Get medical attention if symptoms persist or develop or if further symptoms occur.

Store package tightly sealed in cool places. Keep away from waters.

Disposal

Wastes resulting from the use of this product are to be disposed of according to national regulations.

Packaging

Plastic container with 5, 10 and 25 litres.

